



Traffic Safety Facts Delaware 2003-2007



This Report Contains Data From the Following Sources:

Fatality Data - NCSA Fatality Analysis Reporting System (FARS)

FARS Data: 2003-2006 Final File and 2007 Annual Report File (ARF)

Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Delaware State Survey

Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)

Population Data - U.S. Bureau of the Census



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Fatality Rates: Delaware , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	Delaware	142	9,044	1.57	815,798	17.41
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Delaware	134	9,301	1.44	827,671	16.19
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Delaware	133	9,508	1.40	840,558	15.82
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Delaware	148	9,442	1.57	852,747	17.36
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Delaware	117			864,764	13.53
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

2007 State Vehicle Miles Traveled (VMT) Data is Currently Not Available. 2007 National VMT is a Preliminary Estimate and Subject to Change

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Alcohol-Related Fatalities: Delaware , U.S. and Best State (Old Definition)

Year		Total Fatalities in all Crashes	Alcohol-Related Fatalities**				Alcohol-Related Fatalities (BAC = .08+) Per 100 Million VMT
			BAC = .01+		BAC = .08+		
			Number	Percent	Number	Percent	
2003	Delaware	142	61	43	51	36	0.57
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Delaware	134	51	38	47	35	0.51
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Delaware	133	64	48	58	43	0.61
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	Delaware	148	57	38	50	34	0.53
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Delaware	117	63	54	55	47	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers, Motorcycle Riders, Pedalcyclists and Pedestrians

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Alcohol-Impaired Driving Fatalities: Delaware , U.S. and Best State (New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)**		Alcohol-Impaired Driving Fatalities (BAC = .08+) Per 100 Million VMT
			Number	Percent	
2003	Delaware	142	46	32	0.50
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Delaware	134	39	29	0.42
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Delaware	133	51	39	0.54
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Delaware	148	43	29	0.45
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	Delaware	117	50	43	
	US	41,059	12,998	32	0.43
	Best State*			17	

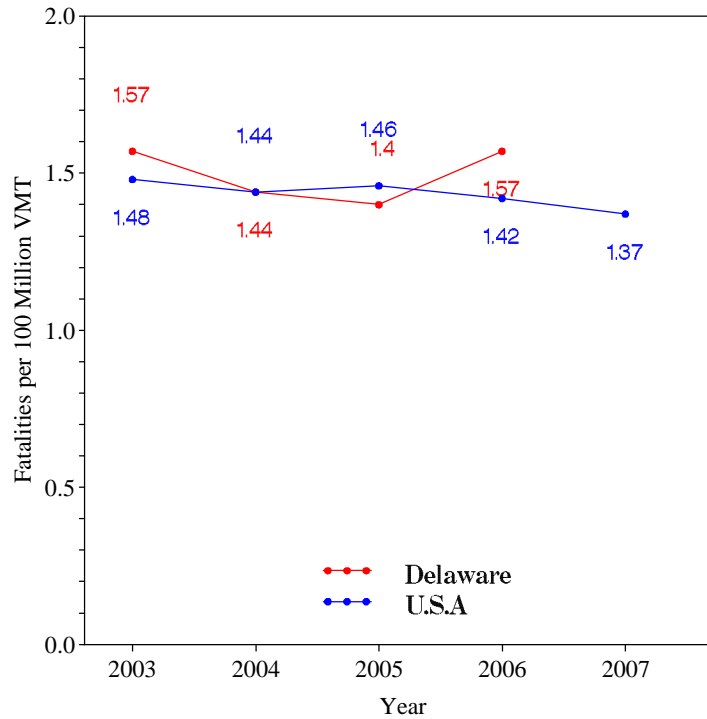
*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers and Motorcycle Riders Only

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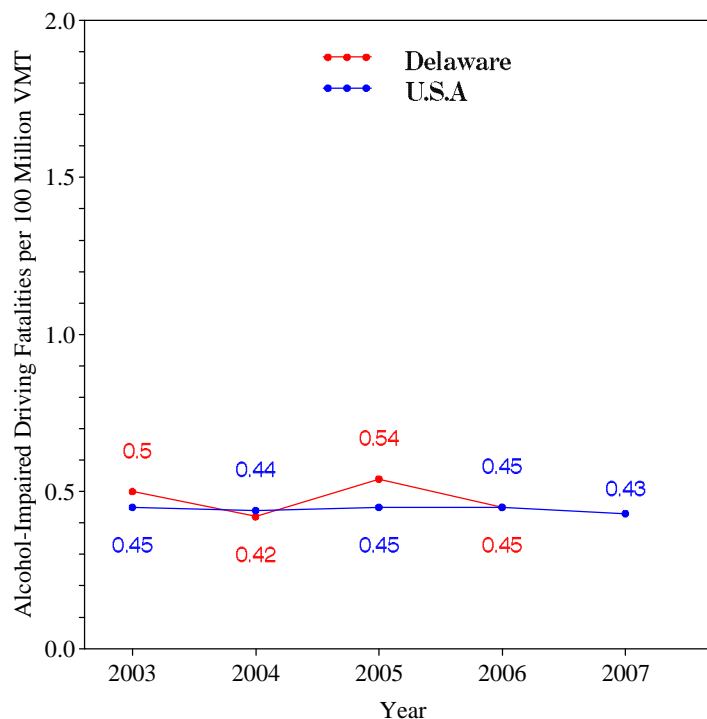


Fatalities per 100 Million VMT: Delaware and U.S



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Alcohol-Impaired Driving Fatalities per 100 Million VMT: Delaware and U.S



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Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: Delaware , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	Delaware	47	21	45	65	53	82	112	74	66
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	Delaware	42	14	33	64	43	67	106	57	54
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	Delaware	33	3	9	69	42	61	102	45	44
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	Delaware	43	5	12	59	33	56	102	38	37
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	Delaware	30	9	30	58	30	52	88	39	44
	US	47,786	9,975	21	31,867	20,261	64	79,653	30,236	38
	Best State*			84			97			86

*State (or States) With Highest Percents: Highest Percents Could Be in Different States

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Passenger Vehicle Occupant Fatalities by Restraint Use: Delaware , U.S. and Best State

Year		Total Passenger Vehicle Occupant Fatalities	Total Passenger Vehicle Occupant Fatalities Restrained**		Observed Passenger Vehicle Occupant Restraint Use in all Traffic***
		Number	Number	Percent	Percent
2003	Delaware	110	52	47	75
	US	32,271	14,075	44	79
	Best State*			64	95
2004	Delaware	105			82
	US	31,866	14,225	45	80
	Best State*			68	95
2005	Delaware	95	42	45	84
	US	31,549	14,061	45	82
	Best State*			68	95
2006	Delaware	104	52	50	86
	US	30,686	13,760	45	81
	Best State*			66	96
2007	Delaware	83	46	55	87
	US	28,933	13,306	46	82
	Best State*			64	98

*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

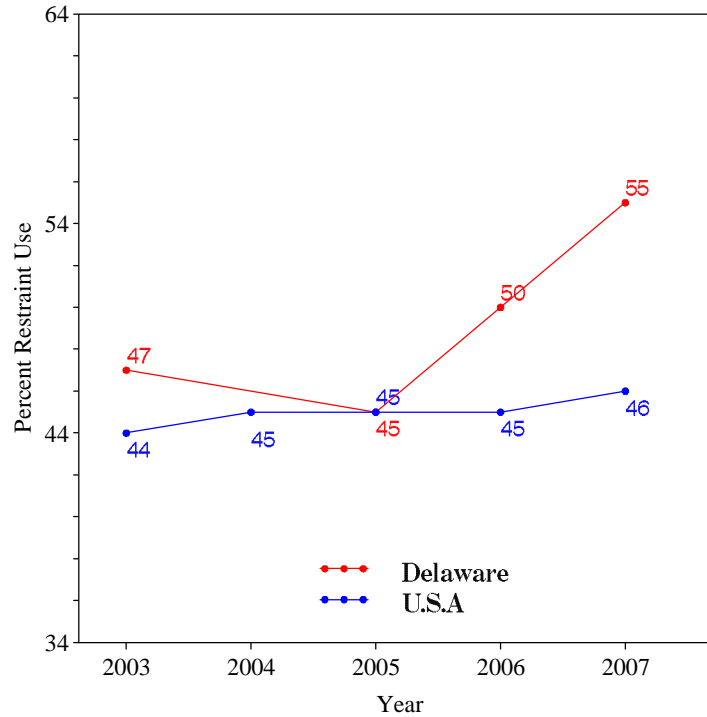
**Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

***USA Data: National Occupant Protection Use Survey. Delaware Data: State Survey

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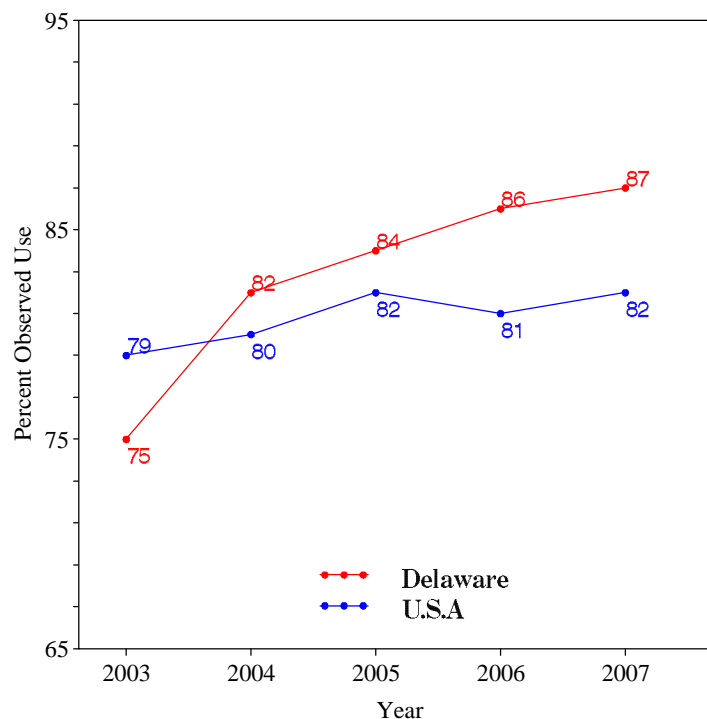


Passenger Vehicle Occupant Fatalities by Percent Restraint Use: Delaware and U.S



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Passenger Vehicle Occupants by Percent Restraint Use Observed: Delaware and U.S



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Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged 5 and Above*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	110	52	58	50	24
2004	103	57	46	62	19
2005	94	41	53	43	14
2006	101	51	50	54	17
2007	82	45	37	49	14

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

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Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged Under 5*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	0	0	0	0	0
2004	2	1	1	1	1
2005	1	1	0	1	0
2006	3	1	2	1	1
2007	1	1	0	1	

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

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Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Motorcycle Rider Fatalities*			Motorcycle Rider Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	11	6	5	4	2
2004	8	4	4	2	2
2005	21	14	7	8	3
2006	12	4	8	2	3
2007	16	5	11	3	4

*Unknown Helmet Use Was Proportionally Distributed Across Known Helmet Use

**Lives Saved Estimates

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Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%
Occupants	Passenger Car	81	20	77	20	68	18	67	16	54	16
	Light Truck - Pickup	12	3	14	4	9	2	20	5	12	4
	Light Truck - Utility	12	3	7	2	9	2	12	3	12	4
	Light Truck - Van	5	1	7	2	9	2	4	1	5	1
	Light Truck - Other	0	0	0	0	0	0	1	0	0	0
	Large Truck	0	0	1	0	2	1	1	0	0	0
	Other/Unknown Occupants	1	0	1	0	2	1	0	0	1	0
	Total Occupants	111	27	107	27	99	26	105	24	84	25
Motorcyclists	Motorcycle	11	3	8	2	21	6	12	3	16	5
Non-Occupants	Pedestrian	19	5	16	4	11	3	27	6	16	5
	Bicyclist and Other Cyclist	1	0	3	1	2	1	4	1	0	0
	Other/Unknown Non-Occupants	0	0	0	0	0	0	0	0	1	0
	Total Non-Occupants	20	5	19	5	13	3	31	7	17	5
Total	Total	142	34	134	34	133	35	148	34	117	35

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Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
Total Fatalities (All Crashes)	142	134	133	148	117
- Single Vehicle (1)	65	69	62	72	63
- Involving a Large Truck (2)	19	19	7	17	6
- Involving Speeding (3)	37	45	52	34	44
- Involving a Rollover (4)	31	28	24	25	26
- Involving a Roadway Departure (5)	91	87	96	102	89
- Involving an Intersection (or Intersection related) (6)	37	32	30	48	24

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

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Motorcyclist Fatalities by Age

Year	Age					Total
	<20	20-29	30-39	40-49	50-59	
2003	0	3	1	5	2	11
2004	0	2	2	3	1	8
2005	2	2	4	10	3	21
2006	0	3	3	5	0	11
2007	0	1	6	3	5	15

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Motorcyclist Fatalities Per 100,000 Registered Motorcycles*

Year	Motorcyclist Fatalities	Total Motorcycle Registrations	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	11	15,008	73.29
2004	8	17,485	45.75
2005	21	18,987	110.6
2006	11	22,786	48.28
2007	15		

*Data Source: FHWA

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Top 10 Counties for Fatalities and Fatality Rates

Top 10 Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	New Castle County	56	10.60
2	Sussex County	39	21.16
3	Kent County	21	13.79
4		1	0

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Sussex County	39	21.16
2	Kent County	21	13.79
3	New Castle County	56	10.60

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Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates

Top 10 Alcohol-Impaired Driving Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	New Castle County	28	5.24
2	Sussex County	14	7.54
3	Kent County	8	5.39
4		0	0

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Sussex County	14	7.54
2	Kent County	8	5.39
3	New Castle County	28	5.24

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